

SEQUENCE LISTING

<110> OLSON, ERIC
SPENCER, JEFFREY A.

<120> METHODS AND COMPOSITIONS FOR STABILIZING MICROTUBULES
AND INTERMEDIATE FILAMENTS IN STRIATED MUSCLE CELLS

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<141> 2004-02-10

<150> 09/908,988

<151> 2001-07-18

<150> 60/219,020

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<170> PatentIn Ver. 2.1

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Ile Cys Leu Glu Met Phe Ser Lys Pro Val Val Ile Leu Pro Cys Gln
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Lys Cys Ala Asn Asp Val Phe Gln Ala Ser Asn Pro Leu Trp Gln Ser
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Arg Gly Ser Thr Thr Val Ser Ser Gly Gly Arg Phe Arg Cys Pro Ser
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Cys Arg His Glu Val Val Leu Asp Arg His Gly Val Tyr Gly Leu Gln
 85 90 95

Arg Asn Leu Leu Val Glu Asn Ile Ile Asp Ile Tyr Lys Gln Glu Ser
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Ser Arg Pro Leu His Ala Lys Ala Glu Gln His Leu Met Cys Glu Glu
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His Glu Asp Glu Lys Ile Asn Ile Tyr Cys Leu Ser Cys Glu Val Pro

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Thr Gln Met Glu Glu Val Cys Gln Thr Ile Glu Asp Asn Ser Arg Arg		
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Gln Lys Gln Leu Leu Asn Gln Arg Phe Glu Thr Leu Cys Ala Val Leu		
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Glu Lys Leu Gln Arg Val Arg Gly Leu Ile Arg Gln Tyr Gly Asp His		
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Glu Pro Gln Met Ala Leu Tyr Leu Gln Gln Ala Lys Glu Leu Ile Asn		
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Gly Tyr Glu Ser Met Glu Gln Phe Ser Val Ser Val Glu His Val Ala		
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Lys	Glu	Gln	Gln	Thr	Met	Asp	Asn	Leu	Glu	Lys	Gln	Leu	Ile	Cys	Pro	
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Ile	Cys	Leu	Glu	Met	Phe	Thr	Lys	Pro	Val	Val	Ile	Leu	Pro	Cys	Gln	
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His	Asn	Leu	Cys	Arg	Lys	Cys	Ala	Ser	Asp	Ile	Phe	Gln	Ala	Ser	Asn	
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Phe	Arg	Cys	Pro	Ser	Cys	Arg	His	Glu	Val	Val	Leu	Asp	Arg	His	Gly	
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 Pro Ala Ala Asp Val Leu Val Thr Gln Gly Glu Val Val Pro Ile Gly
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 485 490 495
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Glu Val Ile Met Asp Arg His Gly Val Tyr Gly Leu Gln Arg Asn Leu
85 90 95

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100 105 110

Pro Leu Gln Lys Gly Ser His Pro Met Cys Lys Glu His Glu Asp Glu
115 120 125

Lys Ile Asn Ile Tyr Cys Leu Thr Cys Glu Val Pro Thr Cys Ser Leu
130 135 140

Cys Lys Val Phe Gly Ala His Gln Ala Cys Glu Val Ala Pro Leu Gln
145 150 155 160

Ser Ile Phe Gln Gly Gln Lys Thr Glu Leu Ser Asn Cys Ile Ser Met
165 170 175

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Leu Ser Gln Lys Phe Asp Thr Leu Tyr Ala Ile Leu Asp Glu Lys Lys
210 215 220

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225 230 235 240

Phe Ile Glu Ala Leu Ile Leu Gln Tyr Arg Glu Gln Leu Glu Lys Ser
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Thr Lys Leu Val Glu Thr Ala Ile Gln Ser Leu Asp Glu Pro Gly Gly
260 265 270

Ala Thr Phe Leu Ser Ser Ala Lys Gln Leu Ile Lys Ser Ile Val Glu
275 280 285

Ala Ser Lys Gly Cys Gln Leu Gly Lys Thr Glu Gln Gly Phe Glu Asn
290 295 300

Met Asp Tyr Phe Thr Leu Asp Leu Glu His Ile Ala Glu Ala Leu Arg
305 310 315 320

Ala Ile Asp Phe Gly Thr Gly Lys Gly Cys Asp Val Thr Cys Leu Thr
325 330 335

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340